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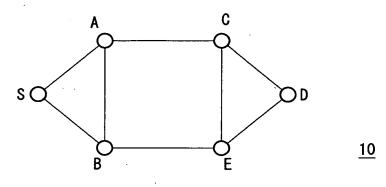


FIG. 1

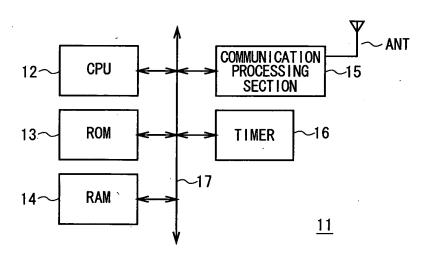
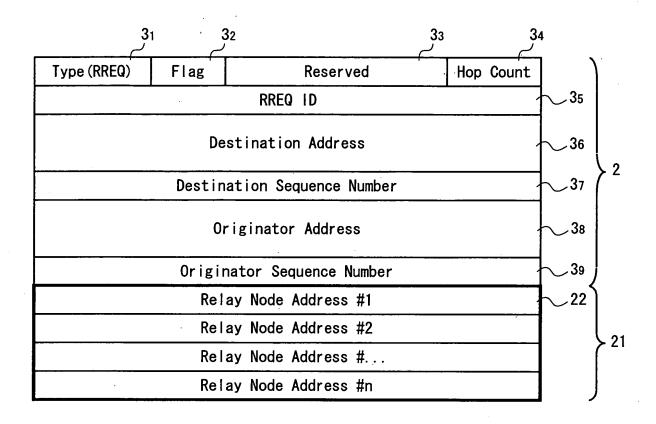


FIG. 2

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FIG. 3

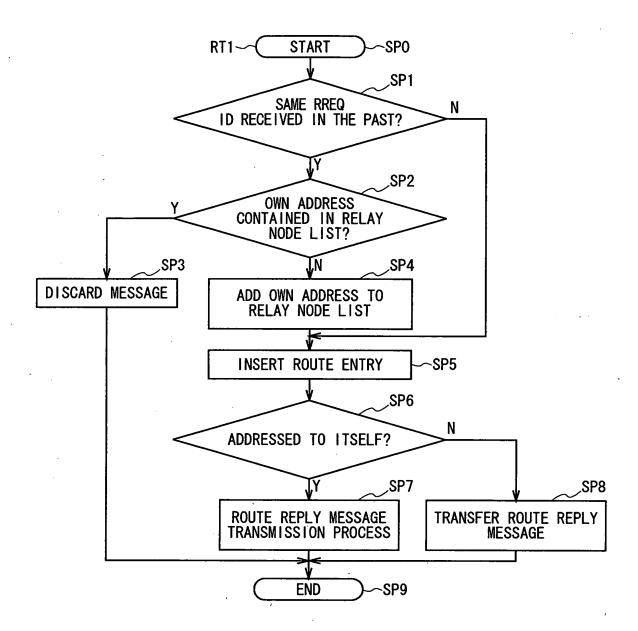
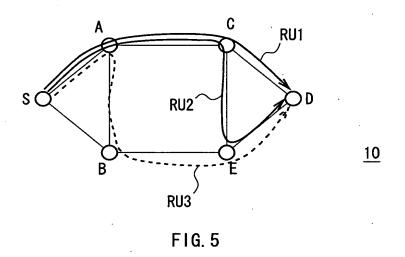
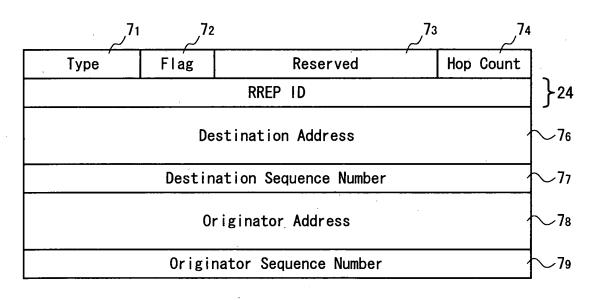


FIG. 4

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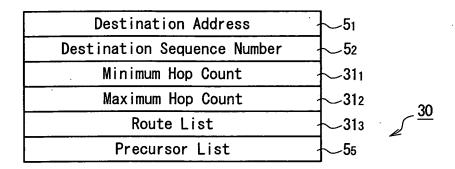




<u>23</u>

FIG. 6

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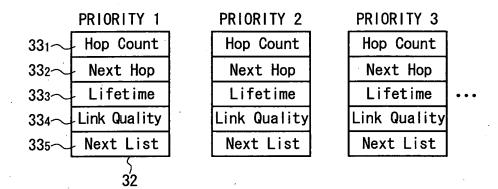


FIG. 7

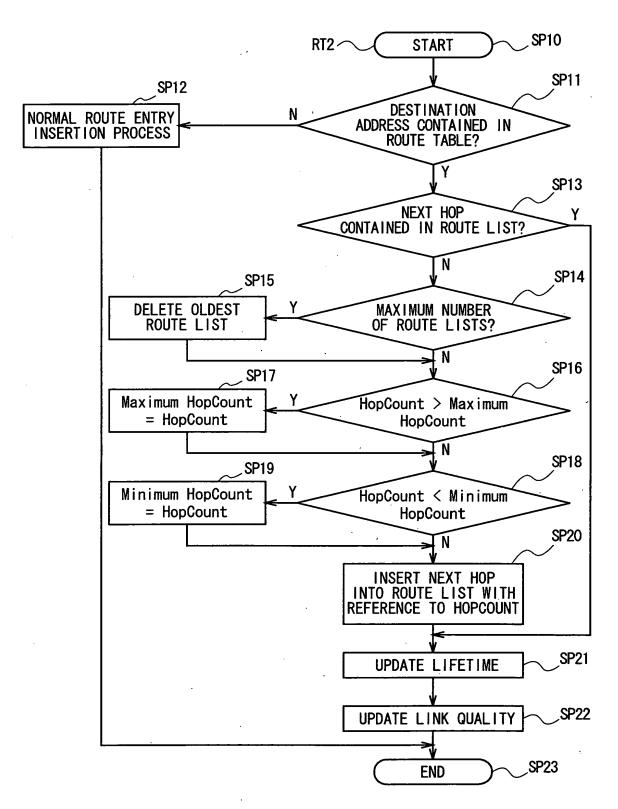


FIG. 8

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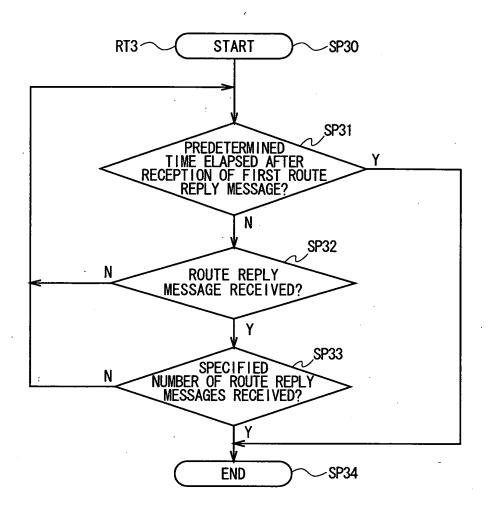


FIG. 9

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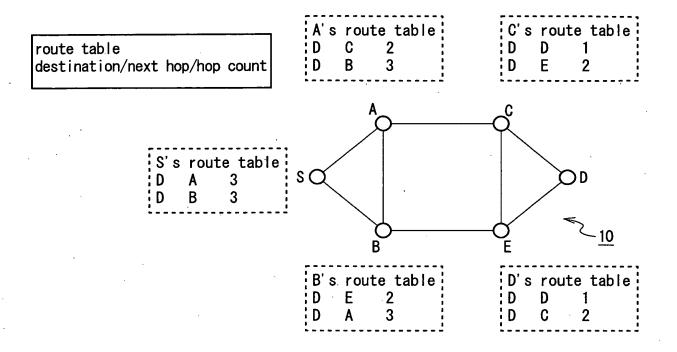


FIG. 10

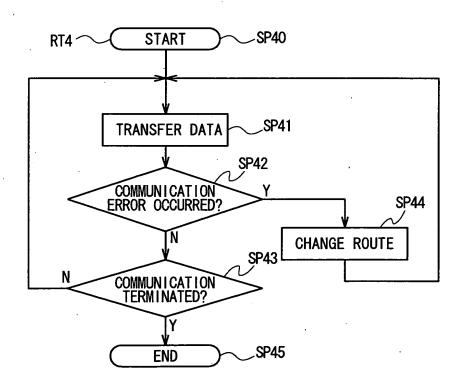


FIG. 11

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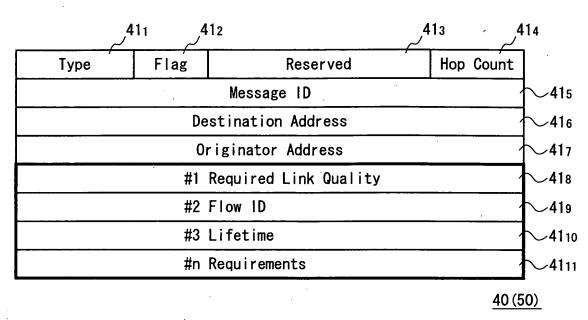


FIG. 12

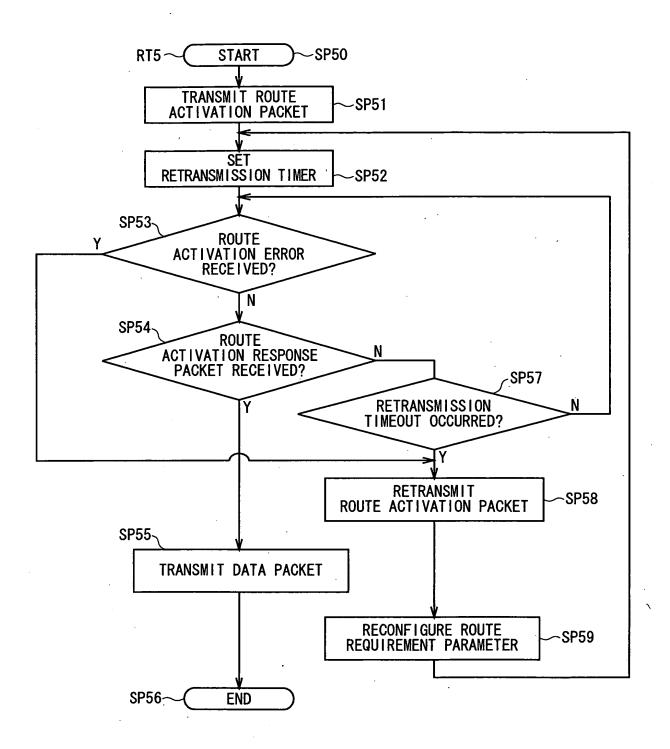


FIG. 13

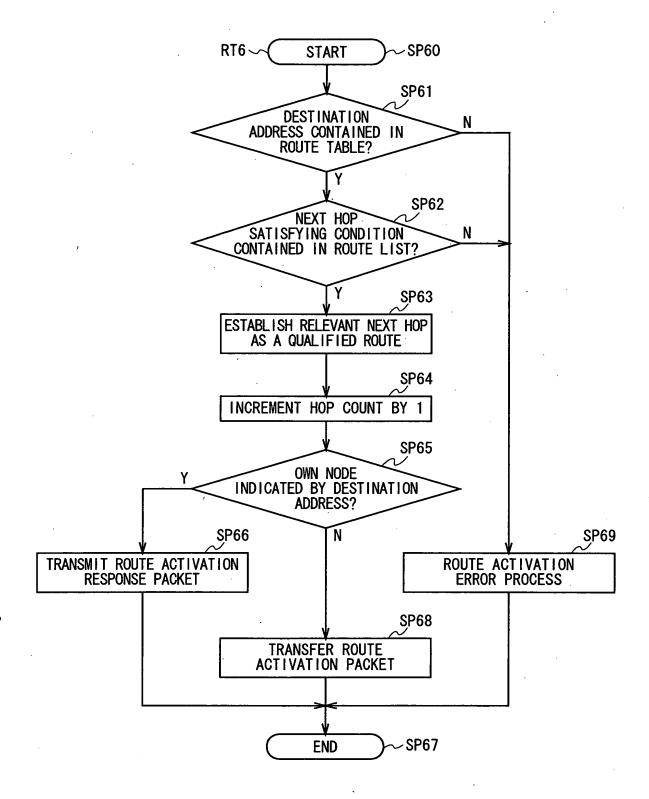


FIG. 14

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route table destination/next hop/hop count/flow ID

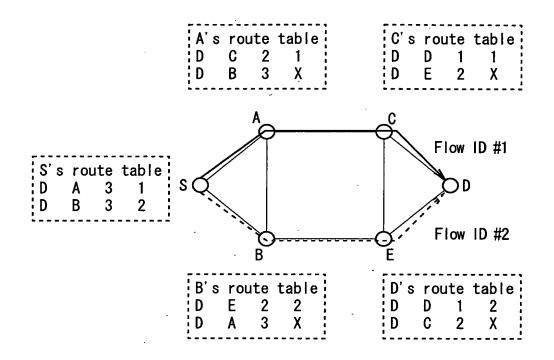


FIG. 15

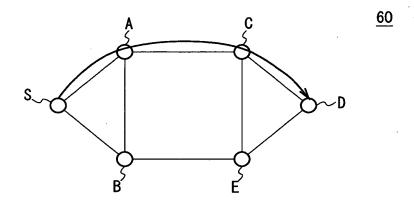


FIG. 16

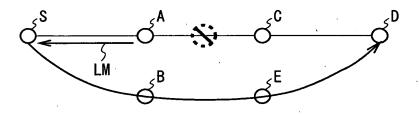


FIG. 17

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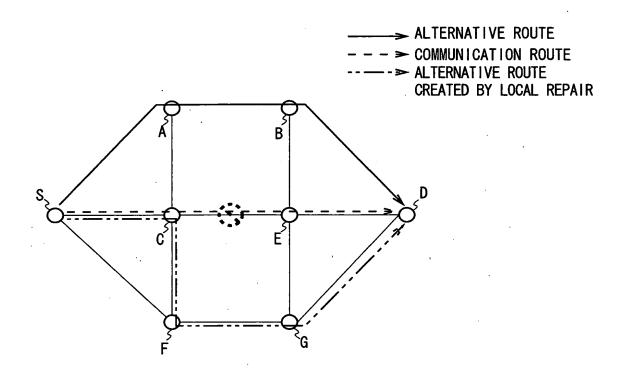


FIG. 18

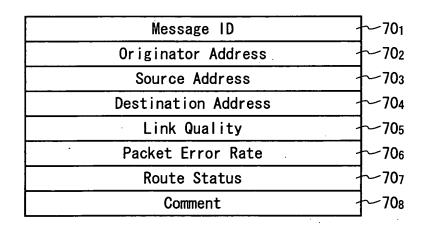


FIG. 19

<u>LM</u>

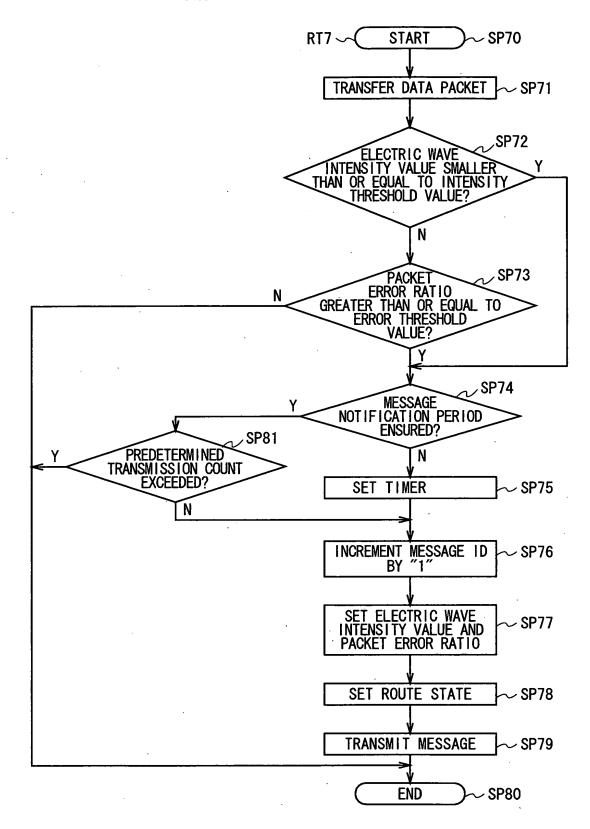


FIG. 20

Address #2 Message ID Count Link Quality Error Rate Route Status Etc  Address # Message ID Count Link Quality Error Rate Route Status Etc  Address #n Message ID Count Link Quality Error Rate Route Status Etc  2 723 724 725 726 727 728	Originator Address #1 Message ID Count Link Quality Error Rate Route Status Etc.
	Destination Originator Address #2 Mes
	Originator Address # Mess
, , , , , , , , , , , , , , , , , , ,	Originator Address #n  Mess
	722 T

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<b>3</b> 1	32	. <mark>3</mark> 3	<b>34</b>	
Type	Flag	Reserved	Hop Count	
		RREQ ID		<b>}~</b>
	De	stination Address		~
	Destin	ation Sequence Number		<b> </b> ~
	Or	iginator Address		~
	Origin	nator Sequence Number		~
	Req	uired Link Quality		<b>ا</b> ~
	Requir	ed Packet Error Rate		<b> </b> ~

FIG. 22

<u>73</u>

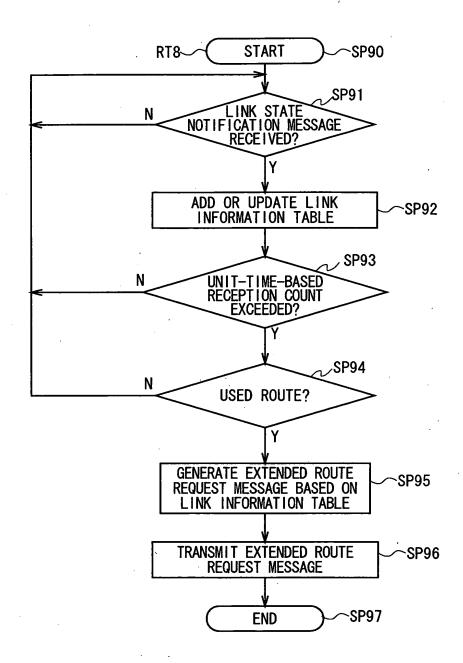


FIG. 23

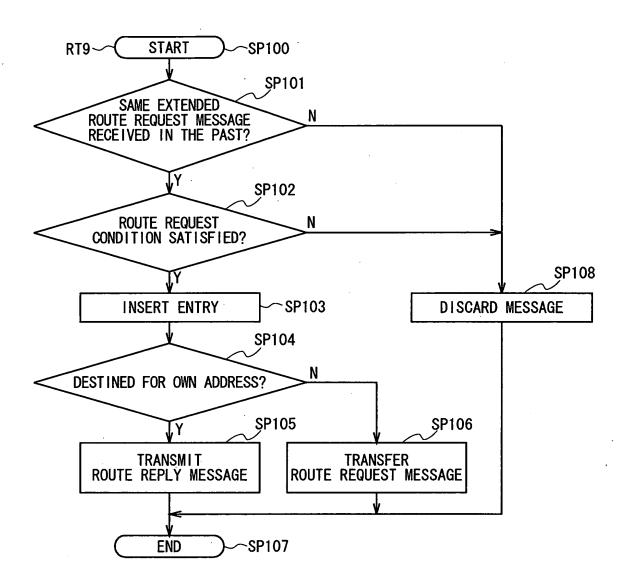


FIG. 24

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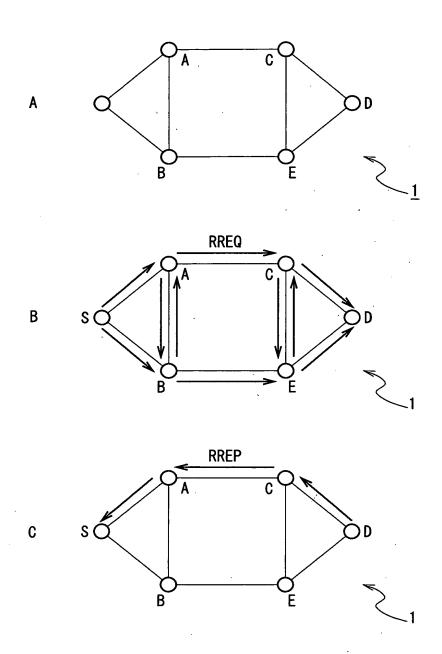
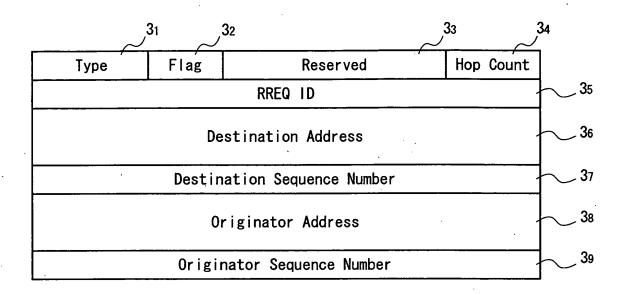


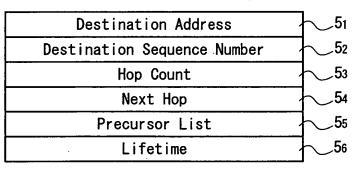
FIG. 25

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<u>2</u>

FIG. 26



<u>4</u>

FIG. 27

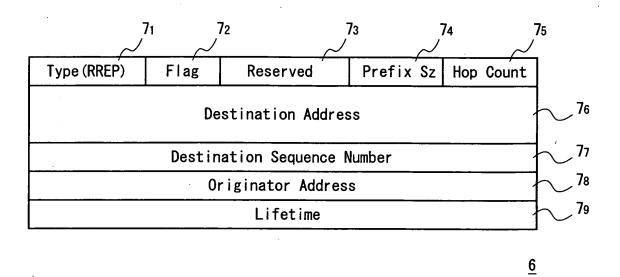


FIG. 28

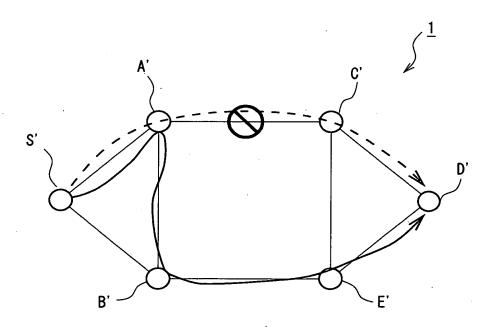


FIG. 29

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## EXPLANATION OF REFERENCE SYMBOLS

10, 60 AD-HOC NETWORK SYSTEM, 12 CPU, 20 ROUTE REQUEST MESSAGE,
21 RELAY NODE LIST, 23 ROUTE REPLY MESSAGE, 30 ROUTE TABLE,
32 ROUTE LIST, LM LINK STATE NOTIFICATION MESSAGE,
71 LINK STATE TABLE, 73 EXTENDED ROUTE REQUEST MESSAGE